

APPLICATION NO.

United States Patent and Trademark Office

FILING DATE

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ATTORNEY DOCKET NO. CONFIRMATION NO.

10/643,548 08/19/2003 Garth Ernest Weals NGC-149/000196-199 4264 32205 7590 12/13/2005 **EXAMINER** CARMEN B. PATTI & ASSOCIATES, LLC GREGORY, BERNARR E ONE NORTH LASALLE STREET ART UNIT PAPER NUMBER 44TH FLOOR CHICAGO, IL 60602 3662

FIRST NAMED INVENTOR

DATE MAILED: 12/13/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary The MAILING DATE of this communication appears on the cover sheet with the correspondence addition of Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION. Extensions of time may be variable under the provisions of 37 CFR 1.736(a). In ore work, however, may are typle to timely filed after Six (6) MONTHS from the mailing date of this communication. Extensions of time may be variable under the provisions of 37 CFR 1.736(a). In ore work, however, may a reply be timely filed after Six (6) MONTHS from the mailing date of this communication. Failute to mely within the set or extended priorito reply will, by failute, cause the application to become ABADIONED (35 Cs. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patient form adjustment. See 37 CFR 1.704(b). Status	ant(s)
Bernarr E. Gregory - The MAILING DATE of this communication appears on the cover sheet with the correspondence addition of Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.396a). In no event, however, may a reply be into brillion and the St. (6) MCNTHS from the mailing date of this communication. - Failure to reply within the set or extended period for reply will. by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b). Status 1)	S ET AL.
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application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received.	
Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) 4) Interview Summary (PTO-413) Paper No(s)/Mail Date 5) Notice of Informal Patent Application (PTO-	· -•

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1. Claims 14 and 16-19 are allowable over the prior art of record.

2. It is noted that Applicant has argued with respect to the prior art rejection of independent claim 1 that claim 1 as now newly-amended defines over the applied prior art in that the waveform is now called a "complete waveform."

It is pointed out that any section of a signal is a waveform, and cannot be said not to be "complete" no matter what the length of the signal portion. There is no need that a complete cycle be produced for the signal to be "complete." Whatever "complete" is intended to mean in this context, the applied reference does produce a waveform that is "complete" at least to the extent that the waveform produced by Applicant's invention is "complete." Thus, the prior art rejection of record of claim 1 as set forth in section 2 of the prior Office Action is maintained as set forth therein.

- The following is a quotation of the second paragraph of 35 U.S.C. 112:
 The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.
- 4. Claims 1-13 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

In independent claim 1 as newly-amended, the word "complete" is indefinite and unclear in context.

Dependent claims 2-13 are unclear in that they depend from unclear independent claim 1.

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- 5. Claims 2-13 would be allowable if rewritten to overcome the rejection(s) under 35 U.S.C. 112, 2nd paragraph, set forth in this Office action and to include all of the limitations of the base claim and any intervening claims.
- 6. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Bernarr E. Gregory whose telephone number is (571) 272-6972. The examiner can normally be reached on weekdays from 7:30 AM to 4:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas H. Tarcza, can be reached on (571) 272-6979. The fax phone

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number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Bernarr É. Gregory Primary Examiner Art Unit 3662